

Sub Q¹⁴

Transgenic Mice Over-expressing Amyloid Beta Alcohol
Dehydrogenase (ABAD) in Brain as Model of Alzheimer's
Disease and Uses Thereof

Abstract of the Disclosure

The present invention provides for a transgenic non-human animal whose cells contain a recombinant DNA sequence comprising a nerve tissue specific promoter operatively linked to a DNA sequence which encodes amyloid-beta peptide alcohol dehydrogenase (ABAD), wherein said non-human animal exhibits at least one phenotype from the group consisting of: overexpression of ABAD, elevated levels of basal ATP; protection from metabolic or ischemic stress.

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